Peak District National Park

Forecast valid from 00:00 on Sunday 15 May 2022 until 23:59 on Monday 16 May 2022

Forecast Issued on Saturday 14 May 2022 at 14:39

Confidence: High confidence for a more changeable pattern, with outbreaks of rain or showers, during this week. Lower confidence in regards to track, extent of rain or showers moving north and northeastwards overnight and during Sunday.

Headline for Sunday 15 May 2022: Cloudier, with some showers, possibly heavy with a low risk of thunder.

Mountain weather hazards on Sunday 15 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light rain showers	Light rain showers	Light rain showers	Sunny intervals	Cloudy
Precipitation probability							
<05%	<05%	10%	30%	30%	30%	10%	10%

Forecast for Sunday 15 May 2022

Weather: Dry with clear spells at first. Turning cloudier from the south during the early hours of the morning, with some outbreaks of rain or showers, possibly heavy, with a low risk of thunder. Generally a cloudier day on Sunday, with further showers likely, possibly heavy, with a low risk of thunder. Occasional bright or sunnier spells developing at times, especially in the afternoon. Further outbreaks of rain and showers moving up from the south, possibly heavy and thundery at times, during the evening.

Chance of cloud-free hill tops above 600m: Close to 100%.

Low cloud and visibility: Good or very good, but occasionally moderate or poor in the heavy showers.

Forecast for Sunday 15 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 E	12/16 E	16/22 SE	20/26 SE	18/25 E	20/27 E	19/27 E	18/28 E	20/30 E
300	8/16 E	10/17 E	10/15 E	15/22 SE	15/23 E	17/26 E	15/23 E	13/24 E	11/18 NE
Valley	9/17 E	8/16 E	7/15 E	8/17 E	12/23 E	13/24 E	13/26 E	14/26 E	14/24 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	12/10	10/7	11/7	12/9	13/10	13/9	11/8	11/7
300	14/13	14/12	12/11	14/11	15/12	16/13	16/13	14/12	12/10
Valley	14/12	14/12	13/12	15/13	16/14	17/14	16/14	14/12	13/10
Freezing Level*	2100m	2100m	2300m	2500m	2700m	2800m	2700m	2700m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Despite the cloudier skies, any sunshine will be strong, so adequate UV protection is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 13 May 2022	0mm	0mm	14.2mm

Forecast for Monday 16 May 2022

Weather: Cloudy with outbreaks of rain and showers overnight and into Monday morning, these will be locally heavy and possibly thundery. These will tend to ease through the morning, with some drier and sunnier spells developing from the south into the afternoon. Feeling warm. However, further scattered showers and thunderstorms are likely to break out later in the afternoon and evening, with the risk of frequent lightning and hail too.

Maximum wind: East to southeasterly 15-20mph, gusting 25-30mph at first, veering south to southwesterly after midday, easing 10-15mph, with occasional gusts up to 25mph.

Chance of cloud-free hill tops above 600m: 40% chance during the morning, increasing to 90%.

Low cloud and visibility: Generally good, but moderate or poor in heavy showers and thunderstorms. Becoming very good by the evening. Cloud bases down to 300-400m during the morning.

Temperature: **Valleys:** Plus 12 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 10 Celsius, becoming Plus 14 Celsius.
Freezing level: Above the summits.